

Sidebar

Sidebar The Sidebar component is a comprehensive navigation component designed to provide structured navigation, user management, and content organization in modern web applications. It features collapsible functionality, nested menu structures, user profiles, and integrated search capabilities. The `<aava-sidebar>` component offers a flexible and responsive sidebar solution that can adapt to different screen sizes and user preferences, making it ideal for dashboards, admin panels, and complex navigation systems.

How to use

```
■ import { AavaSidebarComponent ,  
MenuItem , UserProfile } from "@aava/play-core" ;
```

Basic Usage

- Simple sidebar with basic navigation and user profile.

Features

- Responsive Design
- Automatic size adjustments based on screen dimensions
- Collapsible functionality for space optimization
- Mobile-friendly collapsed state
- Flexible Layout
- Three size variants for different use cases
- Configurable header and footer sections
- Custom content projection slots
- Advanced Navigation
- Nested sub-menu support with expandable sections
- Active state management for navigation items
- Icon support for visual navigation
- User Experience
- Integrated search functionality
- User profile display and interaction
- Smooth collapse/expand animations
- Customization
- Logo and branding options
- Theme-aware styling
- CSS custom properties for theming

API Reference

- Input Properties
- Property Type

Default Description

- width string " Sidebar width
- collapsedWidth string '108px' Collapsed sidebar width
- height string " Sidebar height
- hoverAreaWidth string '10px' Hover area width

showCollapseButton boolean true Show collapse/expand button

buttonVariant 'inside' | 'outside' 'inside' Collapse button position

isCollapsed boolean false Initial collapsed state

position 'left' | 'right' 'left' Sidebar position

toggleOffset number 400 Toggle button offset

togglePosition 'top' | 'center' | 'bottom' 'top' Toggle button position

customStyles Record<string, string> {} Custom CSS styles

Output Events

- Event Type Description
- collapseToggle EventEmitter<boolean> Emitted when sidebar collapse state changes

Content Projection Slots

- Selector Description

[slot=content] Custom content above the navigation menu

[slot=footer] Custom footer content above user profile

Best Practices

- Menu Organization
- Logical Grouping : Group related menu items together
- Hierarchical Structure : Use sub-menus for complex navigation
- Consistent Icons : Use meaningful and consistent icons for menu items
- Clear Labels : Provide descriptive text for navigation items

Responsive Considerations

- Mobile-First : Design for mobile devices first
- Collapsed State : Ensure collapsed sidebar remains functional
- Touch Targets : Maintain adequate touch target sizes
- Content Priority : Prioritize essential navigation in collapsed state
- User Experience
- Search Integration : Implement search for applications with many menu items

Active States

- Clearly indicate current navigation location

Smooth Transitions

- Use smooth animations for state changes

Accessibility

- Ensure keyboard navigation and screen reader support

Performance

- Lazy Loading : Load sub-menu content on demand
- Efficient Rendering : Use OnPush change detection strategy

Memory Management

- Clean up event listeners and subscriptions

Styling

- The sidebar component uses CSS custom properties for theming: CSS Custom Properties

Property Default Value

--sidebar-background #ffffff Background

color of the sidebar --sidebar-border #e2e8f0 Border color of the sidebar

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